

September 2020

Molecular Blood Culture ID Coming Soon

Background: As of September 14th, blood cultures that flag as positive will automatically have a Verigene® Gram-Positive or Gram-Negative Nucleic Acid Blood Culture ID (BCID) performed at the time of the initial gram stain. This is a qualitative, multiplexed in vitro diagnostic test, which identifies genus, species and genetic antimicrobial resistance determinants for a broad panel of gram-positive or gram-negative bacteria.

Specimen Requirements/Order: This is automatically included as part of the standard blood culture order. The ordering and collection of blood cultures remains unchanged.

Turn Around Time:

Methodist Main Campus: Generally, within 3 hours of the gram stain report.

Methodist Women's Hospital: Generally, within 6 hours of the gram stain report.

Reporting/Interpretation: Results will appear in Cerner as part of the blood culture result with the heading "BCID". Each organism or resistance gene target on the panel will be line listed as "Positive" or "Negative". A list of recommended therapeutic decisions and treatment choices based on the Verigene® data will be available as a tab in PowerChart titled "BCID guide".

Notes:

- **It is strongly recommended that the Verigene results be utilized for therapy decisions at the time they are available.**

- As before, the initial gram stain result will be called. The BCID results will not generate a second phone call from the laboratory.

- At this time, only blood cultures originating at Methodist Main and Methodist Women's Hospitals will have the BCID performed. Methodist Jennie Edmundson expects to have BCID available by the end of the year. Methodist Fremont Health utilizes an alternative rapid assay for identification of MRSA/MSSA and contaminants.